

## CURRICULUM VITAE

### GRAZIA PERTILE

**Name:** Grazia Pertile

**Date and place of birth:** January 1st, 1966, Asiago, Italy

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#### PROFESSIONAL CAREER

1991: **Medical Degree** (summa cum laude), *University of Padua*, School of Medicine (I).

1996: **Specialist in Ophthalmology**, Ophthalmology Clinic, *University of Maastricht* (NL)

1996: Course and qualification test for the use of Animal Facilities, Faculty of Veterinary, *University of Maastricht* (NL)

1997-2003 **Member of the medical staff**, Ophthalmology, Department of Vitreoretinal Surgery, Middelheim Hospital, *Antwerp* (B)

Performed surgeries during that period: 5120.

2003-present **Chief of the department of Ophthalmology**, Sacrocuore Hospital, *Negrar-Verona* (I). Performed surgeries during this period: 6810.

#### OTHER PROFESSIONAL EXPERIENCES

2010-present Member of the Committee for the prevention of Blindness, Italian Ministry of Health, *Rome*

#### TEACHING ACTIVITY

1998-2003 Course of Vitreoretinal Surgery for the Residents at Middelheim Hospital, *Antwerp* (B)

2005-2010 Adjunct Professor, Department of Ophthalmology, *University of Padua* (I)

2009 Course: Surgery for Exudative Macular Degeneration, Master in Retina, *University of Ancona* (I)

#### Research focus and main contribution:

GP build her experience in the treatment of severe retinal diseases with dr. Carl Claes at the Middelheim Hospital in Antwerp. The department of Ophthalmology of this hospital represented an international referral centre for trauma cases, recurrent retinal detachment, retinopathy of prematurity and exudative macular degeneration.

When she moved to the Sacro Cuore Hospital in Negrar –Verona- she had the opportunity to capitalize on her considerable surgical experience. GP is one of the few surgeons in Italy and Europe who performs a surgical treatment in selected cases of exudative macular degeneration. Two techniques are performed: macular translocation and autologous choroidal graft transplantation. The wide experience in this sector gave the opportunity to her group to study the modifications induced by the surgery and has led to a better understanding of the disease and the possible therapeutic approaches.

She expanded the diagnostic service of the department. The SD-OCT (Optical Coherence Tomography) that permits in vivo evaluation of the retina has become an invaluable tool for almost all retina diseases. In order to provide the patient a complete aid, the outpatient clinic has been equipped with a low vision service, qualified in the assessment of the visual acuity in the low vision range and in the rehabilitation of low vision patients

GP has been particularly focused on clinical goals. Nevertheless, she promoted several collaborative initiatives with some fundamental research centres (University Eye Centre, Tubingen, Germany; Division of Neuroscience, San Raffaele Scientific Institute Milan, Italy; Ludwig-Maximilians University, Munich, Germany; New York Medical College, Valhalla, New York, USA; IIT Genoa and Milan, Italy). This cooperation led to the publication of seven papers in relevant scientific journals.

She conducted clinical research according to CGP and authorize the use of her personal data according to D.Lgs. n°96/2003.

## **Early achievements track-record or 10-years track record- Dr. Grazia Pertile**

### **1.Top 10 publications as senior author**

1-Lamellar macular hole: a clinicopathologic correlation of surgically excised epiretinal membranes. Parolini B, Schumann RG, Cereda MG, Haritoglou C, Pertile G. **Invest Ophthalmol Vis Sci**. 2011 Nov 25;52(12):9074-83.

2- Adult Human Muller Glia Cells are a Highly Efficient Source of Rod Photoreceptors. Giannelli SG, Demontis GC, Pertile G, Rama P, Broccoli V. **Stem Cells**. 2011 Feb;29(2):344-56

3-Early perfusion of a free RPE-choroid graft in patients with exudative macular degeneration can be imaged with spectral domain-OCT. van Zeeburg EJ, Cereda MG, van der Schoot J, Pertile G, van Meurs JC. **Invest Ophthalmol Vis Sci**. 2011 Jul 29;52(8):5881-6.

4- Macular translocation with 360 degrees retinotomy for management of retinal pigment epithelial tear: long-term results. Polito A, Cereda M, Romanelli F, Pertile G **Br J Ophthalmol** 2011 Jan;95(1):74-8..

5-Postoperative complications and intraocular pressure in 943 consecutive cases of 23-gauge transconjunctival pars plana vitrectomy with 1-year follow-up - Parolini B, Prigione G, Romanelli F, Cereda MG, Sartore M, Pertile G. **Retina**, 2010 Jan;30(1):107-11.

6- Surgery for CNV and autologous choroidal RPE patch transplantation: exposing the submacular space.Cereda MG, Parolini B, Bellesini E, Pertile G. **Graefes Arch Clin Exp Ophthalmol**. 2010 Jan;248(1):37-47.

7- Profile of lipid and protein autacoids in diabetic vitreous correlates with the progression of diabetic retinopathy. Schwartzman ML, Iserovich P, Gotlinger K, Bellner L, Dunn MW, Sartore M, Pertile G, Leonardi A, Sathe S, Beaton A, Trieu L, Sack R **Diabetes**. 2010 Jul;59(7):1780-8

8- Incidence of endophthalmitis in a large series of 23-gauge and 20-gauge transconjunctival pars plana vitrectomy. Parolini B, Romanelli F, Prigione G, Pertile G. **Graefes Arch Clin Exp Ophthalmol**. 2009 Jul;247(7):895-8..

9- Implications of bevacizumab on vascular endothelial growth factor and endostatin in human choroidal neovascularisation. Tatar O, Shinoda K, Kaiserling E, Claes C, Eckardt C, Eckert T, Pertile G, Boeyden V, Scharioth GB, Yoeruek E, Szurman P, Bartz-Schmidt KU; Tuebingen Bevacizumab Study Group, Grisanti S. **Br J Ophthalmol**. 2009 Feb;93(2):159-65.

10- Macular translocation with 360 degree retinotomy for management of age-related macular degeneration with subfoveal choroidal neovascularization. Pertile G, Claes C. **Am J Ophthalmol**. 2002 Oct;134(4):560-5.

### **Invited talks (Selected from those given during the last 4 years)**

- Retina Subspecialty Day at the American Academy of Ophthalmology meeting “Panel- *Surgical complications*” Chicago, November, 9-14, 2012
- Euretina “*Myopic foveoschisis: signs of progression and indications for surgery*” Milan, September, 6-9, 2012
- Euretina “*ILM staining in vitreoretinal surgery: reducing the risk of postoperative inner retinal defects and recurrence of traction*” Milan, September, 6-9, 2012
- Duke Advanced Vitreous Surgery Course, “*Can lamellar hole benefit from surgery*” Duke University, Durham, May, 2-3, 2012
- Duke Advanced Vitreous Surgery Course, “*Myopic foveoschisis: factors correlated with prognosis of vitrectomy and ILM peeling*” Duke University, Durham, May, 2-3, 2012
- Duke Advanced Vitreous Surgery Course, “*Autologous choroidal graft in wet AMD: anatomic and functional outcomes*” Duke University, Durham, May, 2-3, 2012
- Frankfurt Retina Meeting, “*Autologous Choroidal Patch transplantation in Wet AMD*” Frankfurt, March, 10-11, 2012
- Frankfurt Retina Meeting, “*How to deal with lamellar macular hole*” Frankfurt, March, 10-11, 2012
- Retina 2012, “*Dyes used in vitreoretinal surgery*” New York, January, 20-21, 2012
- Retina 2012 “*The subretinal space: a new challenge in vitreoretinal surgery*” New York, January, 20-21, 2012
- 6th St.Christof vitrectomy meeting “*Alterations of the vitreoretinal interface after epiretinal membrane peeling*” St. Christof-Switzerland- January, 14-19, 2012
- Eurmea- “*Use of Constellation (Alcon) in difficult vitreoretinal cases: observations*” Irvine October, 19-21, 2011
- Sud Retine Nice “*Retinal stem cells: what should we expect in the near future*” Nice November, 11-12, 2011
- Sud Retine Nice “*RPE transplantation in selected cases of exudative AMD*” Nice November, 11-12, 2011
- EVRS (European Vitreoretinal Society) “*Advanced PVR course*” Malta, October 1-4, 2011
- EVRS (European Vitreoretinal Society) “*Panel: Retinal tears*” Malta, October 1-4, 2011
- ASRS (American Society of Retina Specialists) “*Vitrectomy for lamellar macular hole: some SD-OCT characteristics have a prognostic value for the postoperative outcome*” Boston, August 20-24, 2011
- Leuven Retina Meeting “*Retinal stem cells transplantation*” Leuven, July, 2-3, 2011
- Euretina “*Lamellar macular hole: what, when and how*” London, May, 20-24, 2011
- Euretina “*The perfect vitrectomy*” London, May, 20-24, 2011
- EVRS “*Treatment of subretinal haemorrhages*” Marrakesh, September, 5-8, 2010
- Macular Advance multitherapies “*Surgery in AMD*” Bologna, April, 23-24, 2010
- Frankfurt Retina Meeting “*Autologous choroidal graft in subfoveal AMD*” Frankfurt February, 26-27, 2010
- Frankfurt Retina Meeting “*Pitfalls in repairing corneoscleral lacerations*” Frankfurt February, 26-27, 2010
- Euretina “*Complications with transconjunctival vitrectomy approach*” Nice, September 14-17, 2009
- Advanced Vitreoretinal course “*Lamellar Macular Hole*” Antwerp March, 19-20, 2009
- Advanced Vitreoretinal course “*Full thickness choroidal patch in subfoveal AMD*” Antwerp March, 19-20, 2009
- Advanced Vitreoretinal course “*Autologous retinal stem cells transplantation: utopia or feasible project*” Antwerp March, 19-20, 2009

### **Organization of international conferences**

DIRECTOR AND MAIN ORGANIZER of the meeting “Present and Future Challenges in Severe Retinal Diseases” February, 3-5, 2011 Verona (I)  
The second edition will take place in February 21-23, 2013

CHAIRMAN of the session: “Advanced Vitreoretinal Surgery” World Ophthalmology Congress Abu Dhabi, February, 16-20, 2012

### **International Prizes/Awards/Academy Memberships**

2001-present Member of ARVO (The Association for Research in Vision and Ophthalmology)  
2003-present Member of AAO (American Academy of Ophthalmology)  
2007-present Member of EVRS (European Vitreoretinal Society)  
2010-present Member of ASRS (American Society of Retina Specialists)

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Negrar, 25/09/13